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10/19/01
PCH
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Giuseppe GUARINO, et al.

Appln. No.: 09/231,791

Attorney Docket Q52856

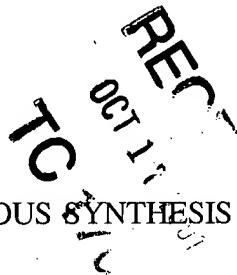
Confirmation No.: not assigned

Group Art Unit: 1764

Filed: January 15, 1999

Examiner: F. Varcoe, Jr.

For: METHOD FOR IN-SITU MODERNIZATION OF A HETEROGENEOUS SYNTHESIS REACTOR



AMENDMENT UNDER 37 C.F.R. § 1.111

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action of April 12, 2001, please amend the above-identified application as follows:

IN THE CLAIMS:

Please enter the following amended claims:

Sub E1
1. (Thrice Amended) A method for in-situ modernization of a heterogeneous synthesis reactor, including an external shell comprising at least a catalytic bed (6) provided with a gas inlet perforated cylindrical wall (7) and a gas outlet perforated cylindrical wall (8), said method comprising the steps of:

providing an unperforated cylindrical wall (15) coaxial to said gas outlet wall (8) in said catalytic bed (6), said unperforated cylindrical wall (15) extending from an upper end (8a) of said gas outlet wall (8) along a perforated portion of the same and for a predetermined length in said